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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/840,107	05/06/2004	Yong-Ho Yang	21C-0126	7269
23413	7590 02/01/2006	EXAMINER		INER
CANTOR COLBURN, LLP 55 GRIFFIN ROAD SOUTH			TON, MINH TOAN T	
	LD, CT 06002		ART UNIT	PAPER NUMBER
220 01111	,		2871	
			DATE MAILED: 02/01/2000	6

Please find below and/or attached an Office communication concerning this application or proceeding.

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	Application No.	Applicant(s)	
	10/840,107	YANG ET AL.	
Office Action Summary	Examiner	Art Unit	
	Toan Ton	2871	
The MAILING DATE of this communication ap Period for Reply	pears on the cover sheet with	the correspondence address	
A SHORTENED STATUTORY PERIOD FOR REPL WHICHEVER IS LONGER, FROM THE MAILING D. - Extensions of time may be available under the provisions of 37 CFR 1. after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period. - Failure to reply within the set or extended period for reply will, by statut Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	DATE OF THIS COMMUNICA 136(a). In no event, however, may a repl will apply and will expire SIX (6) MONTH te, cause the application to become ABAN	TION. y be timely filed S from the mailing date of this communication. DONED (35 U.S.C. § 133).	
Status			
1) Responsive to communication(s) filed on 29 L	December 2005.		
	is action is non-final.		
3) Since this application is in condition for allows		s, prosecution as to the merits is	
closed in accordance with the practice under			
Disposition of Claims			
4) ☐ Claim(s) 1-37 is/are pending in the application 4a) Of the above claim(s) 6,7,10-15 and 22-37 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) 1-5,8,9 and 16-21 is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and/e	7 is/are withdrawn from consi	deration.	
, <u> </u>	or closuom requirement.		
Application Papers	or		
9) The specification is objected to by the Examin10) The drawing(s) filed on is/are: a) ac		the Examiner	
Applicant may not request that any objection to the			
Replacement drawing sheet(s) including the correct			
11) The oath or declaration is objected to by the E		•	
Priority under 35 U.S.C. § 119			
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority application from the International Bureat * See the attached detailed Office action for a list	nts have been received. nts have been received in Apportity documents have been re au (PCT Rule 17.2(a)).	olication No eceived in this National Stage	
Attachment(s)			
Notice of References Cited (PTO-892)	4) Interview Su		
 Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08 Paper No(s)/Mail Date 	C	Mail Date rmal Patent Application (PTO-152)	

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Election/Restriction

1. An election without traverse of species Ia1 corresponding claims 4-5 has been acknowledged. Claims 1-5, 8-9 and 16-21 are being examined. Claims 6-7, 10-15 and 22-37 have been withdrawn from consideration.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.
- 3. Claims 1-5, 8-9 and 16-21 are rejected under 35 U.S.C. 102(e) as being anticipated by Ozawa et al (US 6956632).

Ozawa discloses a transflective LCD device comprising (see at least Figures 1-6): a transparent substrate including a reflective window 31that reflects an ambient light and a transmissive window 32 that transmits an artificial light; an organic insulation layer disposed over the transparent substrate, the organic insulation layer being thinner gradually at a boundary between the transmissive window and the reflective window; a pixel electrode formed in the transmissive window; a reflective layer disposed over the organic insulation layer of the reflective window; a light-blocking pattern 9 disposed at the boundary between the transmissive window and the reflective window to prevent a light leakage; and a switching part (see at least

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col. 10, line 66 to col. 11, line 1) that is electrically connected to a gate line, a source line and the pixel electrode to apply an image signal to the pixel electrode.

Ozawa discloses the device comprising alignment film 12 formed by performing an aligning treatment such as a rubbing treatment (see at least Figures 1b-1c).

Ozawa discloses the second boundary inclined steeper than the first boundary (see at least Figures 1b-1c).

Ozawa discloses the light-blocking pattern disposed at the first and second boundaries (see at least Figures 1b-1c).

Ozawa discloses the light-blocking pattern having a width (about 9 um) longer than a width of the light transmissive window (about 8um).

Ozawa discloses the organic insulation layer of the reflective window having a first thickness and the organic insulation layer of the transmissive window has a second thickness that is thinner than the first thickness (see at least Figures 1-6).

Ozawa discloses the gate line and the source line formed on a first surface of the transparent substrate and the light -blocking pattern formed on a second surface of the transparent substrate such that the light blocking pattern is substantially parallel with the source line (see at least Figures 1-6).

Ozawa discloses the use a storage capacitor electrode/line disposed on the transparent substrate such that the first storage electrode extended substantially parallel with the gate line (see at least Figure 16).

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Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Contact Information

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Toan Ton whose telephone number is (571) 272-2303.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

January 26, 2006

PRIMARY EXAMINER